

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 10727 (1983): Nail, Square, Ulna [MHD 2: Orthopaedic Instruments, Implants and Accessories]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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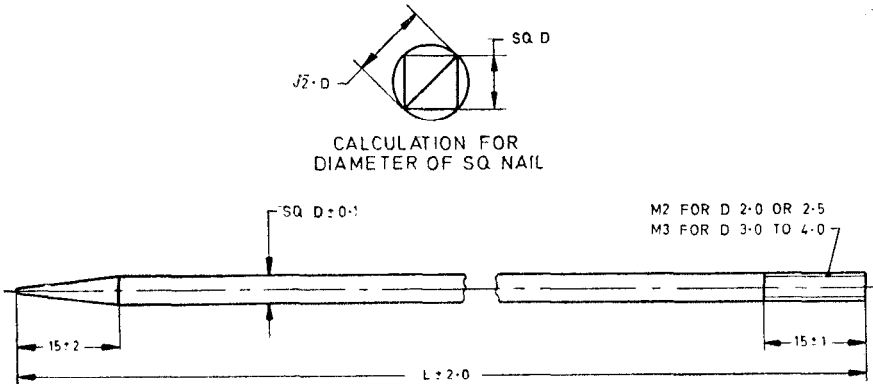




Indian Standard

SPECIFICATION FOR  
NAIL, SQUARE, ULNA

1. **Scope** — Prescribes dimensional and other requirements of square nails used for implantation of ulna bone in orthopaedic surgery.
2. **Shape and Dimensions** — As shown in Fig. 1.



$D = 2.0 \text{ to } 4.0$  in steps of  $0.5$ .  
 $L = 150 \text{ to } 275$  in steps of  $25$ .

All dimensions in millimetres.  
FIG. 1 NAIL, SQUARE, ULNA

- 2.1 The diameter of square nails may be calculated by multiplying by  $\sqrt{2}$  when required for the purpose of indentation.
3. **Material** — Stainless steel as specified in 3 of IS : 5347-1979 'General requirements of metal surgical implants ( first revision )'.
4. **Workmanship and Finish**
- 4.1 One end of the nail shall be as shown in Fig. 1 and the other end threaded.
- 4.2 The thread shall be neat and clean.
- 4.3 The nail shall be free from cracks, draw marks, burrs, pits, surface contamination and foreign particles.
- 4.4 The nail shall be electro-polished and passivated.
5. **Tests**
- 5.1 *Corrosion Resistance Test* — According to 6.1 of IS : 5347-1979.
- 5.2 *Radiological Test* — According to 6.2 of IS : 5347-1979.
6. **Marking** — According to 5.1 of IS : 5347-1979.
- 6.1 *ISI Certification Marking* — Details available with the Indian Standards Institution.
7. **Packing** — The tip of each nail may be covered with stripable plastic coating. The nails may then be packed individually in polyethylene bags. A number of such pieces may be packed in cartons as agreed to between the purchaser and the supplier.